

RESULT 1
 TOMDHQS
 LOCUS TOMDHQS 1714 bp mRNA linear PLN 13-FEB-2002
 DEFINITION Lycopersicon esculentum dehydroquinase synthase mRNA, complete cds.
 ACCESSION L46847
 VERSION L46847.1 GI:18654277
 KEYWORDS dehydroquinase synthase; precursor.
 SOURCE tomato.
 ORGANISM Lycopersicon esculentum
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Asteridae; euasterids I; Solanales; Solanaceae; Solanum;
 Lycopersicon.
 REFERENCE 1 (bases 1 to 1714)
 AUTHORS Bischoff, M., Rosler, J., Raesecke, H.R., Gorlach, J., Amrhein, N. and Schmid, J.
 TITLE Cloning of a cDNA encoding a 3-dehydroquinase synthase from a higher plant, and analysis of the organ-specific and elicitor-induced expression of the corresponding gene
 JOURNAL Plant Mol. Biol. 31 (1), 69-76 (1996)
 MEDLINE 96309385
 FEATURES Location/Qualifiers
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 /clone="cLeDHQS"
 CDS 49..1377
 /EC_number="4.6.1.3"
 /note="putative"
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 BASE COUNT 457 a 373 c 376 g 508 t
 ORIGIN

Query Match 43.7%; Score 717.6; DB 8; Length 1714;
 Best Local Similarity 75.5%; Pred. No. 2.7e-180;
 Matches 891; Conservative 0; Mismatches 289; Indels 0; Gaps 0;

Qy 275 ccacctctcgcaagtcaaggatatgcgccacctctctcaagttatggatccctccgcag 334
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 Eb 200 CCACCACACGATTGAAGGTGTTGGCAACTTCTGCCACGAAGGTGATGGATCACTCGTCCA 259
 Qy 335 caaaatccgaacccgctcttcccaccatcgctcgaagtcgatttgggtagccggagctatc 394

Db	250	GTAAAGCGAGTTTCACAGGCTCCTACAGTTGTTGAAGTGGATCTGGGTA	CTCGGAGCTACC	319						
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Qy	995	ctagtgtaatggcatatgctataaaagcgatccttgtagaaacaag	gctgaggttggtgctc	1054						
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Qy	1415	ctctagacaataacgcttcgtgcattctgtaaaactctgatc	1454
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